

LESSON 4: Ratios and Unit Rates

Homework

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Name _____ **Date** _____

Directions: Answer Questions 1 – 4 using the data in the table.

Tony collects pencils. The following table shows how many pencils of each color he has.

Tony's Pencils

Color	Number of Pencils
Green	3
Red	2
Orange	5
Purple	3
Yellow	8

1. What is the relationship between the number of orange pencils and purple pencils?

Write as a ratio.

2. What is the relationship between the number of purple pencils and yellow pencils?

Write as a ratio.

3. What is the relationship between the number of green pencils and red pencils?

Write as a ratio.

4. What is the relationship between the number of yellow pencils and red pencils?

Write as a ratio.

Directions: For Questions 5 –10, identify the unit rate.

What is the unit rate for:

5. \$27 for 3 pairs of pants

6. \$3.00 for 6 soft drinks

7. 455 miles traveled in 7 hours

8. 150 miles using 3 gallons of gas

9. 51 cents for 3 erasers

10. 12 cups of flour to 4 cups of sugar